

| L<br>Number | Hits | Search Text   | DB  | Time stamp          |
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| 1           | 2    | 5748763.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>20:01 |
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| - | 3      | ((covert adj (channel or data or mesage))<br>and permut\$   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/17<br>17:21 |
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| - | 54     | ((covert or layer) with (channel or data<br>or mesage or information )) with<br>watermark\$ and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>12:19 |
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| - | 287   | ((encod\$4 or insert\$4 or embed\$4) near2 result) and boolean) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>07:45 |
| - | 43    | ((encod\$4 or insert\$4 or embed\$4) near2 result) and boolean) and @ad<19990713 ) and permut\$   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>07:45 |
| - | 0     | ((encod\$4 or insert\$4 or embed\$4) near2 result) and boolean) and @ad<19990713 ) and permut\$ and ((information or cod\$4 or message or layer or watermark) near3 (over or top )) with watermark) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>07:49 |
| - | 0     | ((encod\$4 or insert\$4 or embed\$4) near2 result) and boolean) and @ad<19990713 ) and permut\$ and ((information or cod\$4 or message or layer or watermark) with watermark)                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>07:49 |
| - | 0     | ((encod\$4 or insert\$4 or embed\$4) near2 result) and boolean) and @ad<19990713 ) and ((information or cod\$4 or message or layer or watermark) with watermark)                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>07:51 |
| - | 7001  | ((information or cod\$4 or message or layer or watermark) with watermark)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>07:52 |
| - | 2575  | ((information or cod\$4 or message or layer or watermark) with watermark) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>07:52 |
| - | 82    | ((information or cod\$4 or message or layer or watermark) near3 (over or top )) with watermark) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>08:14 |
| - | 6     | ((encod\$4 or insert\$4 or embed\$4) near2 result) and (((information or cod\$4 or message or layer or watermark) near3 (over or top )) with watermark) and @ad<19990713 )                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>07:53 |
| - | 29    | ((information or cod\$4 or message or layer or watermark or mask\$4 or mark\$4) near3 (over or top )) with watermark) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>08:02 |

|   |      |   |   |                     |
|---|------|---|---|---------------------|
| - | 83   | ((information or cod\$4 or message or layer or watermark or mask\$4 or mark\$4) near3 (over or top )) with watermark) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>08:15 |
| - | 1    | ((((information or cod\$4 or message or layer or watermark or mask\$4 or mark\$4) near3 (over or top )) with watermark) and @ad<19990713 ) not (((information or cod\$4 or message or layer or watermark) near3 (over or top )) with watermark) and @ad<19990713 )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>08:02 |
| - | 794  | ((insert\$4 or embed\$4 or input\$4 or apply\$4 or impos\$4 or encod\$4) near3 (information or cod\$4 or message or layer or watermark or mask\$4 or mark\$4) with watermark) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>08:18 |
| - | 794  | (( (insert\$4 or embed\$4 or input\$4 or apply\$4 or impos\$4 or encod\$4) near3 (information or cod\$4 or message or layer or watermark or mask\$4 or mark\$4)) with watermark) and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>08:47 |
| - | 33   | ((encod\$4 or insert\$4 or embed\$4) near2 result)) and ((( (insert\$4 or embed\$4 or input\$4 or apply\$4 or impos\$4 or encod\$4) near3 (information or cod\$4 or message or layer or watermark or mask\$4 or mark\$4)) with watermark) and @ad<19990713 )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>08:20 |
| - | 9    | ("5319735"   "5734752"   "5809139"   "5848155"   "5915027"   "5930369"   "6061793"   "6069914"   "6154571").PN.   | USPAT   | 2003/11/18<br>08:30 |
| - | 47   | 5848155.URPN.   | USPAT   | 2003/11/18<br>08:34 |
| - | 2575 | (( (insert\$4 or embed\$4 or input\$4 or apply\$4 or impos\$4 or encod\$4 or add\$4) near3 (another or second or addition\$4 ) (information or cod\$4 or message or layer or watermark or mask\$4 or mark\$4)) with watermark) and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>08:49 |
| - | 94   | (( (insert\$4 or embed\$4 or input\$4 or apply\$4 or impos\$4 or encod\$4 or add\$4) near3 ((another or second or addition\$4 ) near2 (information or cod\$4 or message or layer or watermark or mask\$4 or mark\$4))) with watermark) and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>10:17 |
| - | 7    | ("5659726"   "5664018"   "5687236"   "5721788"   "5825892"   "5875249"   "5889868").PN.   | USPAT   | 2003/11/18<br>10:17 |
| - | 3    | 6128736.URPN.   | USPAT   | 2003/11/18<br>10:21 |
| - | 15   | "6154571"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>11:06 |
| - | 18   | (US-6570996-\$ or US-6233347-\$ or US-6208735-\$ or US-6145081-\$ or US-5915027-\$ or US-6546113-\$ or US-6405203-\$ or US-6332194-\$ or US-6128736-\$ or US-6385596-\$ or US-6192139-\$ or US-6192138-\$ or US-6101602-\$ or US-5991426-\$ or US-6636551-\$ or US-6633652-\$).did. or (WO-200105075-\$ or JP-11316599-\$).did. | USPAT;<br>DERWENT                                       | 2003/11/18<br>16:37 |

|   |          |  |   |                     |
|---|----------|--|---|---------------------|
| - | 2        | ((US-6570996-\$ or US-6233347-\$ or<br>US-6208735-\$ or US-6145081-\$ or<br>US-5915027-\$ or US-6546113-\$ or<br>US-6405203-\$ or US-6332194-\$ or<br>US-6128736-\$ or US-6385596-\$ or<br>US-6192139-\$ or US-6192138-\$ or<br>US-6101602-\$ or US-5991426-\$ or<br>US-6636551-\$ or US-6633652-\$).did. or<br>(WO-200105075-\$ or JP-11316599-\$).did.)<br>and "xor"                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>18:26 |
| - | 2        | 4838652.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>18:33 |
| - | 2        | 6342924.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>19:12 |
| - | 9        | ("3840695"   "4386836"   "4393380"  <br>"4548476"   "4569574"   "4581619"  <br>"4591886"   "4636817"   "4728972").PN.  | USPAT   | 2003/11/18<br>18:35 |
| - | 6        | ("5809139"   "5915027"   "6154571"  <br>"6332194"   "6342924"   "6374036").PN.   | USPAT   | 2003/11/18<br>18:39 |
| - | 137      | ((add\$4 or insert\$4 ) with (binary or<br>value or number or code) with watermark)<br>and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>19:15 |
| - | 50       | ((add\$4 or insert\$4 ) near2 (binary or<br>value or number or code) with watermark)<br>and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>19:17 |
| - | 1        | ((add\$4 or insert\$4 ) near2 (binary or<br>value or number or code) with ((into or<br>over or on) near2 watermark)) and<br>@ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>19:19 |
| - | 143      | ((add\$4 or insert\$4 ) near2 (binary or<br>value or number or code) with ((into or<br>over or on) near2 (code\$4 or watermark or<br>((embed\$4 or cod\$4 or mask\$4 ) adj<br>(information or image or signal or data))<br>)) and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>19:22 |
| - | 25       | ((add\$4 or insert\$4 ) near2 (binary or<br>value or number or code) with ((into or<br>over or on) near2 (code\$4 or watermark or<br>((embed\$4 or cod\$4 or mask\$4 ) adj<br>(information or image or signal or data))<br>)) and @ad<19990713) and ((another or<br>second ) near (code\$4 or watermark or<br>((embed\$4 or cod\$4 or mask\$4 ) adj<br>(information or image or signal or data))<br>)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/18<br>19:25 |
| - | 0        | ((covert ) with (channel or data or<br>message or information )) with watermark\$<br>and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>12:19 |
| - | 100      | ((covert or hid\$4 ) with (channel or data<br>or message or information )) with<br>watermark\$ and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>12:20 |
| - | 17984956 | ((covert or hid\$4 ) with (channel or data<br>or message or information )) with<br>watermark\$ with encod\$4and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>12:21 |

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|---|----|---|---|---------------------|
| - | 9  | ((covert or hid\$4 ) with (channel or data or mesage or information )) with watermark\$ with encod\$4 and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>13:11 |
| - | 15 | (4,200,770 4,218,582 4,405,829 4,424,414) .pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>12:27 |
| - | 0  | (4,200,770 4,218,582 4,405,829 4,424,414) .pn. and watermark  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>12:27 |
| - | 0  | ((covert or hid\$4 or mask\$4) with ((into or on or over) adj watermark\$)) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>13:12 |
| - | 0  | ((covert or hid\$4 or mask\$4 or cod\$4 or information or data or ID or identi\$) with ((into or on or over) adj watermark\$)) and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>13:14 |
| - | 16 | ((covert or hid\$4 or mask\$4 or cod\$4 or information or data or ID or identi\$) with ((into or on or over) near2 watermark\$)) and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>13:21 |
| - | 17 | ((covert or hid\$4 or mask\$4 or cod\$4 or information or data or ID or identi\$ or embed\$4) with ((into or on or over or to ) near2 watermark\$)) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>14:18 |
| - | 1  | ((covert or hid\$4 or mask\$4 or cod\$4 or information or data or ID or identi\$ or embed\$4) with ((into or on or over or to ) near2 watermark\$)) and @ad<19990713) not (((covert or hid\$4 or mask\$4 or cod\$4 or information or data or ID or identi\$) with ((into or on or over) near2 watermark\$)) and @ad<19990713) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>14:17 |
| - | 2  | ((appl\$4 or insert\$4 or input\$4) near2 (covert or hid\$4 or mask\$4 or cod\$4 or information or data or ID or identi\$ or embed\$4) with ((into or on or over or to ) near2 (watermark\$))) and @ad<19990713   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>14:21 |
| - | 71 | (multiple or plurality) near2 (watermark) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>15:06 |
| - | 28 | (multiple ) near2 (watermark) and @ad<19990713  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>15:35 |
| - | 0  | 63321031.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>15:36 |
| - | 2  | 6332031.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/20<br>15:38 |

|   |    |  |  |                     |
|---|----|--|--|---------------------|
| - | 2  | 5636292.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB<br>USPÄT | 2003/11/20<br>16:36 |
| - | 11 | ("5727092"   "5778102"   "5794071"  <br>"5809139"   "5848155"   "5875249"  <br>"5915027"   "5970140"   "6065119"  <br>"6154571"   "6330672").PN. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | 2003/11/20<br>16:26 |
| - | 66 | donescu  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | 2003/11/20<br>20:00 |